

REC'D PCT/PTO 17 MAR 2006

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323525764US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: March 17, 2006

Signature: Mary Jane D. Palma

(Mary Jane D. Palma)

Docket No.: ASZD-P01-854  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
David Cladingboel

Application No.: 10/532223

Confirmation No.: 8376

Filed: April 6, 2005

Art Unit: Not Yet Assigned

For: CHEMICAL INTERMEDIATE

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

MS PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements mailed March 7, 2006 (copy enclosed), Applicant respectfully submits a Combined Declaration and Power of Attorney and payment of the surcharge under 37 CFR 1.492(h).

Please charge our Deposit Account No. 18-1945 in the amount of \$130.00 covering the fee set forth above. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-1945, under Order No. ASZD-P01-854.

Dated: March 17, 2006

Respectfully submitted,

By David P. Halstead

David P. Halstead, Ph.D.

Registration No.: 44,735

FISH & NEAVE IP GROUP

ROPES & GRAY LLP

One International Place

Boston, Massachusetts 02110-2624

(617) 951-7000

(617) 951-7050 (Fax)

Attorneys/Agents For Applicant

03/22/2006 LLANDGRA 00000057 181945 10532223

01 FC:1617 130.00 DA



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/532,223	David Cladingboel	ASZD-P01-854

28120  
 FISH & NEAVE IP GROUP  
 ROPES & GRAY LLP  
 ONE INTERNATIONAL PLACE  
 BOSTON, MA 02110-2624

Ropes &amp; Gray

MAR 13 2006

Intellectual Property Dept.

INTERNATIONAL APPLICATION NO.

PCT/SE03/01594

I.A. FILING DATE

10/13/2003

PRIORITY DATE

10/14/2002

CONFIRMATION NO. 8376

371 FORMALITIES LETTER



\*OC000000018187967\*

Date Mailed: 03/07/2006

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/06/2005
- Copy of the International Search Report filed on 04/06/2005
- Copy of IPE Report filed on 04/06/2005
- Preliminary Amendments filed on 04/06/2005
- Information Disclosure Statements filed on 04/06/2005
- U.S. Basic National Fees filed on 04/06/2005
- Priority Documents filed on 04/06/2005
- Specification filed on 04/06/2005
- Claims filed on 04/06/2005
- Abstracts filed on 04/06/2005

Ropes &amp; Gray

Symbol #: ASZD-P01-854

Action Due: MP: Oath / Dec

Deadline(s): May 7, Oct 7 Final

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAYA L LEWIS BALTIMORE

Telephone: (703) 308-9140 EXT 202

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,223	PCT/SE03/01594	ASZD-P01-854

<b>Effective on 12/08/2004.</b> <b>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</b> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2005</h3>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/532223
		Filing Date	April 6, 2005
		First Named Inventor	David Cladingboel
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT		(\$)	130.00
		Attorney Docket No.	ASZD-P01-854

<b>METHOD OF PAYMENT</b> (check all that apply)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account    Deposit Account Number: <u>18-1945</u> Deposit Account Name: <u>Ropes &amp; Gray LLP</u>	
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)	
<input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, <b>except for the filing fee</b>	
<input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

<b>FEE CALCULATION</b>							
<b>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</b>							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<b>2. EXCESS CLAIM FEES</b>							
						Small Entity	
						Fee (\$)	Fee (\$)
Each claim over 20 (including Reissues)						50	25
Each independent claim over 3 (including Reissues)						200	100
Multiple dependent claims						360	180
<u>Total Claims</u>		<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	<u>Multiple Dependent Claims</u>		
_____ - = _____		x _____	= _____		<u>Fee (\$)</u>		<u>Fee Paid (\$)</u>
<u>Indep. Claims</u>		<u>Extra Claims</u>	<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>			
_____ - = _____		x _____	= _____				
<b>3. APPLICATION SIZE FEE</b>							
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
<u>Total Sheets</u>		<u>Extra Sheets</u>	<u>Number of each additional 50 or fraction thereof</u>		<u>Fee (\$)</u>	<u>Fee Paid (\$)</u>	
_____ - 100 = _____		/50	_____ (round up to a whole number) x		_____ =	_____	
<b>4. OTHER FEE(S)</b>							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge): 1051 Surcharge-Late oath or declaration						130.00	

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	44,735
Name (Print/Type)	David P. Halstead, Ph.D.	Telephone	(617) 951-7615
		Date	March 17, 2006

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323525764US, in an envelope addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: <u>March 17, 2006</u>	Signature:  (Mary Jane DiPalma)